

# SHOP talk

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## Facility Managers Add Security to Their Task Lists

*Consortium members report increased emphasis in wake of attacks*

*By Bob MacKenzie and Tonya Darby*

The pace of public facility managers has been unalterably quickened and their work lives made more complicated with the horrible terrorist attacks on the World Trade Center and the Pentagon. The continuation of government functions in times of emergency, the safety of the people who work in or visit Consortium member facilities, and the physical security of those facilities are acknowledged responsibilities of our members. Threats of terrorism, crime, and workplace violence have increased. Let's face it: security is now a way of life and is

schools still face constant threats. Budget constraints prevent most organizations from hiring additional staff, so enter the facilities and operations professionals, now tasked to perform yet another critical mission for their organizations. Most are now expected to be on-site experts in handling security issues for their facilities. They wrestle daily with competing demands, including where to find accurate information, how to increase facilities security without jeopardizing customer service and, most importantly, how to keep their employees and tenants safe.

The Plant Operations Support Consortium staff sponsored a cursory poll of its members nearly two years ago, inquiring how much time members were dedicating to facility security needs. In February 2000, more than 73 percent of member facility managers were spending between 25 percent to 35 percent of their workweek addressing security-related needs. Since September 11, that percentage has obviously skyrocketed, as have the complexity of issues being addressed. While operational security is still important, these needs have grown to include site security and public access.

A recent straw poll conducted by FacilitiesNet found that 81.5 percent of 109 facilities managers surveyed nationwide reported their top management's concerns about security had increased in the past two years. Another poll by the same firm found that of 34 facility managers polled, a startling 94.1% reported security had "become a higher priority in their companies over the past three years."

"The Consortium can help," said Phil Person, Consortium senior project coordinator. "We routinely bring in security experts to complete on-site security assessments for other members; some can be pro bono, others with a minimal charge. With a thorough inspection of the facility site and buildings, these experts are able to quickly identify the member's security needs. The experts also make recommendations as to how to best meet the needs of member site. These recommendations may include the development of new policies and/or procedures, the installation of new equipment, or added on-site security personnel."

*Please see Security, page 8*



Andy Drotos adjusts one of the cameras located on the state's Capitol Campus in Olympia from a control center. Drotos is an electronic technician 2 in GA's Division of Capitol Facilities and works in the Building Automations Systems unit. (Photo by Bob MacKenzie)

going to compete with preventive, corrective and routine maintenance as the hot-button topic of the next few years.

Since the previously unimaginable attacks of September 11, safety and security of facilities and the tenants within them have received increased scrutiny. We hear daily of security breaches in our airports, incidents of anthrax contamination, and the likelihood of even more terrorist acts. Meanwhile, public

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## POS Notes

Bob MacKenzie, manager



The attacks of September 11 have provided grist for many an editor's pen and I know I should provide some brilliance of metaphor or poetry of imagination to add to the litanies of others.

However, I feel only sadness at the frightful

loss of life, and anger at the wanton disregard for acceptable norms of human behavior exhibited by our adversaries. I find personal solace in the sure knowledge that evil of this kind will not go unpunished. The combined forces of a mighty coalition will see to their ultimate destruction, you can be sure. Meanwhile, we pray for the lost, maimed and bereaving and vow to always remember.

Now we, as facility managers, must direct our efforts on preparing for a new workplace — one fraught with new challenges in the wake of September 11. Your Consortium staff is ready to help you. Let us pass on best practices and lessons-learned and provide you with timely research to guide your efforts. Need surplus or salvage assistance? Looking for a way to cut costs of construction and project management? Again, your Consortium can make things happen. We're here for you and can tailor services to your organization in ways you might not think previously possible.

Every new member brings added depth and resources to the Consortium and we're elated to welcome these great organizations to our family:

City of Marysville  
Highline School District  
Port of Walla Walla, Walla Walla  
Municipal Airport  
South Kitsap School District

Technical Value Department, British Columbia Building Corporation  
Vancouver School District

The Consortium's returning (resubscribing) members are another measure of the group's effectiveness: Check 'em out:

### School Districts:

Clover Park  
Lacrosse  
Mukilteo  
Oak Harbor  
Snohomish  
Wishkah Valley  
Whatcom County

### Washington State:

Department of Corrections  
Department of Military  
Department of Veterans Affairs  
State of Alaska

Now, do you see why we can state so confidently that the Consortium can make good things happen?



Gary Jones

On another front, we're happy to nominate Gary Jones, recently retired associate superintendent of Washington Corrections Center, as the newest Honorary Lifetime Member. Gary has been an ardent supporter of the Consortium for many years and departs state service after serving in the Washington state Department of Corrections for nearly 27 years. A Marine Vietnam veteran of three tours, Jones has epitomized state leadership and has earned the highest accolades. Good luck Gary, and congratulations on your retirement.

Sadly, we must bid adieu to an outstanding member of the Shop Talk staff. Tonya Darby, a senior at St. Martins College in Lacey, joined us in April 2001

as an intern and quickly became a full-fledged, productive member of your Consortium team. Her can-do attitude, technical savvy, customer focus and an unusual ability to help members achieve unbelievable deadlines have made her truly irreplaceable. We take solace in knowing she'll soon be a very successful public school teacher, positively affecting the lives of many children in the years ahead. We wish Tonya all the best and thank her for the hard work she's provided POS members and staff.



Tonya Darby

Finally, your POS staff has changed its parent alignment from that of Facilities Engineering Group within Engineering and Architectural Services (Energy) to Technical Services. We hope you'll agree the fit is better, as we've already been working with Technical Services colleagues for some time now. Kip Eder will be our boss and we're looking forward to pursuing new initiatives designed to optimize Consortium support possibilities. We'll be forming new partnerships that will directly and positively affect Consortium members. Services such as in-house design, digitalized documents, construction/project and contracts management and other innovative functions will now be a phone call away for all members. We will, of course, remain in close liaison with our former colleagues in Energy and will work to make all service offerings seamless.

Your POS staff join me in wishing you Happy Holidays and thanking you for the outstanding public service you consistently render. It's a pleasure supporting you.

Bob

## The Plant Operations Support Consortium

*New members appear in green and renewing members are listed in gray type. Welcome and thanks on behalf of the Consortium!*

### School Districts

Cascade  
Chehalis  
Clover Park  
Columbia-Burbank  
Coquitlam, BC  
Delta, BC  
Eatonville  
Enumclaw  
Federal Way  
Highline  
Hoquiam  
Issaquah  
Ketchikan, AK  
Lacrosse  
Marysville  
Mission, BC  
Montesano  
Mukilteo  
Northshore  
North Thurston  
Oak Harbor

### Ocean Beach

Ocosta  
Okanogan Skaha, BC  
Peninsula  
Renton  
Rochester  
Sequim  
South Kitsap  
Snohomish  
Toledo  
Vancouver  
Wenatchee  
White River  
Wishkah Valley  
Yelm

### Universities/Colleges

Bellevue CC  
Big Bend CC  
Clark College  
Columbia Basin  
Cmtly Colleges of Spokane

### Highline CC

Olympic Community College  
Renton TC  
Skagit Valley College  
The Evergreen State College  
Univ. of Washington

### Municipalities

City of Bonney Lake  
City of Marysville  
City of Tukwila  
City of Snohomish  
Clark County  
Cowlitz County  
Jefferson County  
King County Metro South  
Kitsap County  
Lewis County  
Pierce County  
Whatcom County

### Canada

Attorney General, BC  
Municipality of Peel, ON  
Technical Value Dept, BC Building Corp

### Ports

Port of Anacortes  
Port of Edmonds  
Port of Ephrata  
Port of Longview  
Port of Mattawa  
Port of Olympia  
Port of Pasco  
Port of Ridgefield  
Port of Seattle, Sea-Tac Airport  
Port of Sunnyside  
Port of Walla Walla, Walla Walla Airport

### States

Alaska  
Idaho Dept. of Admin.

Oregon Dept. of Admin. Svc.  
Oregon Youth Authority

### Washington State Agencies

Corrections  
Ecology  
General Administration  
Health  
Information Services  
Liquor Control Board  
Military  
Natural Resources  
Parks & Recreation  
School for the Deaf  
Social & Health Services  
Transportation  
Veterans Affairs  
Washington State Patrol



# Web-Based CMMS – Are you ready for the future?

## POS member compares web-based and web-enabled systems

by Shop Talk staff

Every day, we are inundated with advertisements for products claiming to be the best and brightest technology available on the market. Of late, there has been a lot of talk about the differences between web-enabled and web-based computerized maintenance management systems (CMMS). But what are the differences between these two systems, and what advantages does a web-based system have over a web-enabled system? We spoke with Grant Sherling, a maintenance consultant with Tero Consulting Ltd., developers of Web Work ®, and asked him to explain these subtle differences and the benefits of switching to a newer system. Tero is based in Coquitlam, British Columbia and hosts the Consortium's CMMS Forum on its web page. We also spoke with Bob Green, fleet administrator for the Washington State Patrol — a Consortium member of long standing — regarding his experiences with both systems.

"A recent article in a Plant Maintenance magazine indicated that most organizations only utilize 30 percent of the features and functions in their CMMS," says Sherling. "But these new web-based CMMS are being developed and redesigned to be an effective, easy tool to use."

Many of the CMMS available on the market today are advertised as "web-enabled," but this only means that with the purchase of another software program, it can work in a network setting. This additional software is one more thing that will need to be updated annually and adds another level of complexity to an already complex system. Such systems may suit the needs of a facility if it is a localized environment where the web is not important. However, most facilities are not operating in a localized environment.

"A true web-based system is generally easy to use and provides the basic functionality required by facilities," says Sherling. Facilities should be careful when choosing a web-based system, too, he warns.

"If you have made the decision to move to a 100 percent web-based CMMS then you should insist upon a system that will operate with nothing but a web browser as the user interface. If the system you

are evaluating requires third-party client side software (other than a standard web browser) then look elsewhere."

The benefits of a web-based CMMS system are significant. Some of these include the low cost of ownership, remote system access, user-friendly interface (web browser), and the fact that it has easy to maintain client and server components. The familiarity of most everyone with web browsers will make the transition to such a system virtually hassle-free.

"The most important thing to remember," advises Sherling, "is to keep your internal and external support to a minimum and always try it before you buy it!"



**Bob Green**, fleet administrator,  
Washington State Patrol.

For over 12 years, Bob Green has managed facilities and fleets throughout Washington. Before transferring to the State Patrol, he used a web-enabled

automated management system to manage over 300 buildings throughout the state. He is now using Tero Consulting's Web Work software fleet module to manage over 1,600 vehicles for the State Patrol. The program tracks over 1,400 transactions each month.

Green identified a number of advantages of the web-based CMMS system, for both the manager and the customer. "For starters, web-based systems have an extraordinarily high availability rate which leads to superior customer service," says Green.

Green has found that the systems are not only able to serve a large number of customers, but also solve a greater variety of problems, allowing staff to become experienced at solving the full menu of problems facility/fleet managers face. Additionally, when a problem is solved for one customer, the solution is automatically provided to all customers.

"The online management reports have provided me with up-to-date cost and

usage data to assist in near- and long-term decision making," says Green. "These reports can be made available to customers for their use in decision-making, as well."

Web-based systems can also be easily networked with other systems to provide a complete management picture of business operations. The fleet management section of the Washington State Patrol uses Web Work, not only for its fleet management module, but as a link to their web-based collision management program, Ford Quality Fleet Care, and several other applications. Plans are currently in the works to expand Web Work to include a purchasing card program that will capture over \$12 million in transactions yearly.

**For more information about Web Based CMMS systems, contact Grant Sherling (604) 468 1401, Fax: (604) 468 1408. Or for more information on the benefits of using a web-based system, contact Bob Green, fleet administrator, Washington State Patrol (360) 412-8940.**



**Shop Talk** is a quarterly publication of the Plant Operations Support program. The newsletter is intended to be an informative and operationally-oriented medium for public facilities managers. Contents herein are also available on the program's web site at [www.ga.wa.gov/plant](http://www.ga.wa.gov/plant)

We welcome feedback on the newsletter's contents and input from readers. We reserve the right to edit correspondence to conform to space limitations. Bob MacKenzie is program manager and editor (360) 902-7257 or e-mail [bmacken@ga.wa.gov](mailto:bmacken@ga.wa.gov). Special thanks to Steve Valandra, AnneMarie Bammert, Phil Person, Amanda Leaverton and Tonya Darby for editing assistance. Plant Operations Support does not make warranty or representation, either expressed or implied, with respect to accuracy, completeness or utility of the information contained herein. Plant Operations Support assumes no liability of any kind whatsoever resulting from the use of, or reliance upon, any information contained in this newsletter.

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To request this information in alternative formats please call (360) 902-7215, or TDD (360) 664-3799.

# February 28 Earthquake Aftermath

## Still working the problems

By Tonya Darby, Shop Talk staff



**Paul Szumlanski**, Washington state's earthquake repair program manager, points to a crack in the plaster of the General Administration building. Szumlanski and his staff are working closely with the Federal Emergency Management Agency to secure funding for repair projects on the state's Capitol Campus. (Photo by Bob MacKenzie)

It's been more than nine months since a 6.8-magnitude earthquake rocked the Puget Sound and Washington's Capitol Campus and many worry that damaged buildings are not being repaired in timely ways and that getting back to "normal" is a long way off.

"It's taking a lot longer than I ever would have expected," says Paul Szumlanski, the state's earthquake repair program manager. "But, we're working hard to resolve vexing procedural and engineering issues that may have seemed impossible just a few weeks ago."

Szumanski recently accepted the job after General Administration — the state's landlord — continued to run into repair delays in its dealings with the Federal Emergency Management Agency (FEMA). Charged with consolidating hundreds of repair requests from tenants and eking the most disaster relief funds from authorities following the quake, Szumlanski has thrown "everything I've got" into the fray.

You can see evidence of the trembler by simply entering the state's General Administration (GA) building. Cracks of various lengths and widths line the stairwells, office walls and hallways, many of them floor-to-ceiling. Some have been "touched-up" by tongue-in-cheek employees, adding faces to classic stress fractures or otherwise brightening up a soon-to-be painted wall.

Yet, every crack and deep chip serves as a daily reminder to state employees of February 28 and briefly rekindles the fear during the quake and the anxiety felt in the days immediately following. Nearly every building on the Capitol Campus tells a similar story — lots of visible damage, but in buildings certified by experts as "structurally sound."

Szumanski's task is to work with FEMA and to properly justify the state's requests for payment and/or reimbursement so work can begin. It's not an easy process. First, FEMA personnel complete a damage assessment of all affected buildings. GA must then review the assessment to ensure that all has been verified and is covered by FEMA's inspections. Next, GA must negotiate the costs of repairs and receive FEMA's approval for repair project. Once the approval is obtained, GA can begin hiring designers and construction can get underway. Of the 35 identified projects, only three have been approved to date. Szumlanski expects the remaining projects to receive approval by the end of the year and hopes to have the construction completed by late fall 2003. The task of gaining approval for projects has been stalled because of the historic designation of most buildings on the Capitol Campus.

"We must go through the process of more federal reviews to make certain that the repairs we are proposing will keep the historical integrity of the buildings on campus," Szumlanski said.

All of the building tenants are credited with having "incredible amounts of patience" in handling the disruption caused by the earthquake as well as the lengthy repair approval process. Immediately following the earthquake, many tenants expressed concerns for safety, but each of the buildings were inspected by structural engineers and verified for safety, Szumlanski said.

"Sometimes seeing the earthquake damage can be unsettling and depressing," said Debbie Poston, an employee in GA's Employee Services section. "But we know our colleagues are doing the best they can to return the facility to its former condition and we're very appreciative."

*Please see Earthquake, page 8*



## Soil quality an issue, yet manageable with help of experts

**Dennis O'Neill** (right), senior geologist/geochemist for *Kleinfelder Inc.*, provided environmental consultative services and an interface between the project team and regulatory agencies during the recently completed Snohomish Grain Mill project. **Phil Person**, consortium senior project coordinator, managed the complex demolition. Significant amounts of hydrocarbons were detected in the soil, forcing the team to remove nearly 11,000 tons of contaminated materials and properly dispose of them. **Sheila Davis** (left), also of Kleinfelder, provided on-site technical direction for the assessment and remediation work and air quality monitoring on the project site. *Kleinfelder* is an employee-owned company that provides management, engineering, environmental science and construction related services throughout the western United States. The company is an on-call consultant for the Division of Engineering and Architectural Services, Department of General Administration and is also listed on state convenience contract # 30700, *Environmental Consulting Services*. (Photos by Bob MacKenzie)



## Web Site Offers Tools & Information for School Districts

*Provided courtesy of School Dude.com staff*

With the plethora of information available on the Internet, and the variety of computerized maintenance management systems (CMMS) available, it would be easy to get lost in the shuffle. The folks at SchoolDude.com understand. In fact, that's why they are there. The site is designed to meet all of the maintenance and operation needs of school districts around the country. The best part is that it is truly easy to use.

Simply visit the site at [www.schooldude.com](http://www.schooldude.com) and let the computer take control. The site is easy to navigate with thousands of bytes of information available at the click of a mouse. There are places to share experiences with other members, to talk openly about problems that you may be experiencing at your facility, and a "Hall of Fame and Shame" for all of those stories that must be passed on to others. There is an information library with articles, files, surveys and web sites available, a marketplace to buy or sell items, locate hard-to-find items, or even look at a sample RFP, and that's just the beginning. Also included in the site is a "web-native Internet Maintenance Management System" – think CMMS for the Internet.

SchoolDude offers a free thirty-day trial membership to explore the entire site and decide if membership will be beneficial to you and your facility. Once you decide to join, membership subscription ranges between \$100 and \$1000 per year, depending on the size of your district and the number of employees wanting to access the site.

**For more information, visit the web site at [www.schooldude.com](http://www.schooldude.com).**

## Cold Winter, Warm Maintenance Shops

### High-tech heaters might be the answer

Provided courtesy of Radiant Optics, Inc.

Winter is here in most parts of the country. The National Weather Service has predicted anything from the typical "run of the mill" winter weather to a

or expensive (warehouses, bus barns, distribution centers, etc.)" says Francis Sheridan of Radiant Optics, Incorporated. "It's a radiant heater with a specially-



An unidentified public employee works beneath a bevy of IR heaters in a maintenance shop.  
(Photo provided courtesy of Radiant Optics, Inc.)

winter that is colder and wetter than recent years. The economy of our nation is still on the rocks and public facility budgets are cinched tighter than ever. With all of this in mind, facilities professionals are looking for new ways to save a buck or two, primarily on heat. A close look at your heaters might prove useful.

Throughout the nation, the most prevalent form of radiant heater is the gas-fired radiant tube heater. These heaters have the distinction of being the most energy inefficient because of a convective heat loss rate of two-thirds, plus stack losses. Why use so much energy and spend so much money to heat space that doesn't really need it? Think back to your childhood for just a moment. Remember what your mother nagged you about all the time? "Close the door, we're not heating the outside!" That same concept can be applied here, except we're not heating the outside, we're heating empty, unused space. Many ask if there is a more efficient way to heat areas that need to be heated, while leaving the rest alone?

The solution involves focused infrared (IR) radiant heaters. These heaters "provide cost-effective heating solutions for unusual environments where hot-air systems are either impractical (outdoors)

designed lens that focuses the heat directly to the target."

Focused IR radiant heaters allow for more control of three important heating parameters: the intensity, the precise location, and the timing. The fact that IR is very similar to visible light—in that air temperature and currents do not affect it—is an added bonus. "In fact," Sheridan says, "IR is not even heat until it encounters an object, at which point the energy is converted to heat." Not only that, these units heat only a defined zone and can be turned on and off quickly to avoid needless heating.

By reducing the overall temperature of a large space and only heating those areas where employee comfort is crucial, significant savings are imminent. "With the IR Lens, up to 500% more energy reaches the target than with traditional radiant heaters," says Sheridan. The possibility of a reduction in heating loads of up to 90% means these savings are going to hit where they are needed the most: the pocketbook.

**For more information on Focused Infrared Radiant Heaters, access Radiant Optics, Inc. @ [www.radiantoptics.com/](http://www.radiantoptics.com/) or call 1-877-432-8111, Fax: 1-425-806-3991, 14522 NE N Woodinville Way, Woodinville, WA 98072.**

## Member Spotlight



**Pattie Williams**, facilities support services manager for GA's Division of Capitol Facilities, has assisted a number of Consortium members by assessing their custodial operations. Members benefiting from Pattie's outstanding services include Chehalis and Montesano School Districts, Lewis County, King County Metro south plant and — most recently — South Central Region, WSDOT. James Burnson, a colleague in the same GA division, has also provided *pro bono* services and was spotlighted in summer **Shop Talk**.

(Photo by Tonya Darby).



# Incinerating toilets

## And away go problems ... up in smoke?

Story and photos by Tonya Darby, Shop Talk staff

Two years ago, the Washington Corrections Center (WCC) in Shelton, Washington called the Consortium with a "vexing" problem. They needed bathroom facilities in an area on the prison grounds where it was next to impossible to get access to water. No water meant no plumbing, thus traditional toilet facilities were out of the question.

The maintenance folks at WCC were weighing their options when they brought the matter to the Consortium. The solution proposed by Bob MacKenzie, Plant Operations Support manager, was an incinerating toilet, which does not require water to operate.

"Bob led us in another direction," said Gary Jones, associate superintendent. "We weren't even looking at that kind of option. We were skeptical, but it works."

In the summer of 1999, the maintenance staff at the WCC installed a Storburn® incinerating toilet in a cinderblock shack that serves two purposes. It meets the privacy needs of prison offenders, and the security needs of the facility by providing a locked closet at the rear to hold the unit's propane tank.

Demar Holtz, WCC plant manager 2, says the maintenance staff is "pretty happy" with the toilet. "It's simple to operate and maintain without a lot of bells and whistles to fix all of the time. The only maintenance that's needed is to bring in the tank and set it up to burn off the holding tank."

In fact, from a maintenance perspective, there aren't really any drawbacks to the system. Maintenance personnel stop by twice a month to burn the holding tank and "that's it."

"The operation of the toilet is slick," says Jones, "very little remains after the burn cycle."

Storburn, a Canadian company based in Ontario, provides these details of the unit on their web site:

"The Storburn toilet reduces untreated human waste to sterile mineral ash and harmless water vapor. Because each incinerator cycle sterilizes the entire storage chamber destroying all odor-causing bacteria, the chamber never requires washing. Storburn's patented design completely eliminates the foul odor problems that are characteristic of other systems. A written guarantee comes with every Storburn toilet: Storburn gives off no foul odors - inside or outside. We know of no comparable

system that carries an equivalent written guarantee."

The offenders appreciate having a facility to use, as well. They no longer have to wait for custody staff to pick them up to use facilities inside one of the buildings, or hide behind a light pole trying to find some privacy. Jones says that there was some concern before the toilet was installed "with the possibility of the offenders being able to get into the propane, but they haven't tampered with it at all."



**Demar Holtz**, WCC plant manager 2, show Shop Talk staff the siting and operation of the unique incinerating toilet on the prison grounds. The toilet saved the Department of Correction from having to plumb a conventional restroom or to contract for porta-potties. (Photo by Tonya Darby)

The toilet is also relatively inexpensive to operate. The only cost associated with operation of the toilet is the propane used in the burn cycle. A seven-gallon tank of propane costs less than \$10 and lasts through three burn cycles – 45 days. The unit was purchased for \$2,550 in 1999 (it sells today for \$2,940). On the other hand, monthly rental of a portable toilet, including weekly servicing, can run anywhere between \$75 and \$110, depending on the unit.

"So, the payout is less than 14 months on just the operational side," said Holtz. "If we had been forced to run water to the site, the capital dollars would have exceeded \$9,450. And there aren't any odors like you'd find with a port-o-potty."

The only problem they have run into with the incinerating toilet is the material used to construct the burner itself. "It doesn't seem to hold up to the elements very well," says Jones. The maintenance staff has noticed some cracking on the base of the unit and is skeptical that the unit will last through another winter. They are currently looking into another product that uses the same principle and are hoping they can find something that will hold up to the weather a bit better.

"The issue of the toilet holding up to the elements is of some concern to us," said Dave, Storburn's president. We have many of our units in the Antarctic and have never had a complaint about them not holding up in the winter. We'll work with WCC to find out what the problem is and possibly make some adjustments."

"Overall, we're pretty happy with our decision to go with this product," says Jones. "It's another example of the Consortium stepping out of the box to solve a member problem."

**For further information about Storburn and its products, contact the firm toll free: (Canada/U.S.A.)1-800-876-2286, or (519) 752-8521, Fax: (519) 752-5827. For questions of WCC staff, contact Demar Holtz (360) 427-4659.**

**Security, from page 1**

In addition to Consortium resources, members can check our other forms of assistance to both reassure employees of their facility security and improve the state of security at their sites. The International Facility Management Association (IFMA) very quickly added a disaster recovery page to the association's website, [www.ifma.org](http://www.ifma.org), following the tragedy of September 11th. The resources found at this site include a listing of business resources; members of an

emergency response forum; articles, conference proceedings and recommended texts on disaster recovery issues; and surveys on emergency planning for facilities.

**For more data on facility security and on-site assessments, contact Bob MacKenzie (360) 902-7257 or E-mail [bmacken@ga.wa.gov](mailto:bmacken@ga.wa.gov).**

## Other resources available on-line include:

Alaska Department of Public Safety: [www.dps.state.ak.us/](http://www.dps.state.ak.us/)  
 Canadian Security Intelligence Service: [www.csis-scrs.gc.ca/](http://www.csis-scrs.gc.ca/)

Computer Security Information:

[www.alw.nih.gov/Security/](http://www.alw.nih.gov/Security/)

Federal Bureau of Investigation: [www.fbi.gov/](http://www.fbi.gov/)

Idaho State Police: [www.isp.state.id.us/](http://www.isp.state.id.us/)

International Association for Healthcare Security and Safety: [www.iahss.org/](http://www.iahss.org/)

National School Safety and Security Services (Private):

[www.schoolsecurity.org/](http://www.schoolsecurity.org/)

Oregon state police: [www.osp.state.or.us/](http://www.osp.state.or.us/)

Royal Canadian Mounted Police: [www.rcmp-grc.gc.ca/index\\_e.htm](http://www.rcmp-grc.gc.ca/index_e.htm)

Security Gap (this and many other useful data are available at the FacilitiesNet site):

[www.facilitiesnet.com/fn](http://www.facilitiesnet.com/fn)

Security Magazine: [www.securitymagazine.com/](http://www.securitymagazine.com/)

The American Society of Industrial Security:

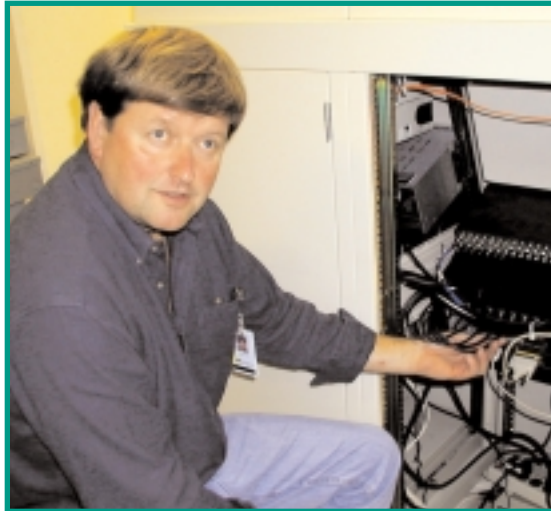
[www.asisonline.org/](http://www.asisonline.org/)

The Canadian Association for Security and Intelligence Studies: [www.sfu.ca/igs/CASIS/](http://www.sfu.ca/igs/CASIS/)

United States Department of Justice: [www.usdoj.gov/](http://www.usdoj.gov/)

Washington State Patrol:

[www.wa.gov/wsp/wsphome.htm](http://www.wa.gov/wsp/wsphome.htm)



*Ron Noble, building support systems manager for GA's Division of Capitol Facilities, troubleshoots a bevy of wires connecting video security cameras to the unit's central console. Noble reports heightened interest by tenants on the state's Capitol Campus for card key access systems, I.D. badges and integrated security systems.  
 (Photo by Bob MacKenzie)*

**Earthquake, from page 4**

The recent budget crisis affecting Washington state has not had an impact on the earthquake repair work and Szumlanski does not expect it to.

"Seventy-five percent of our costs will be reimbursed by the Federal government," he said. "The remaining twenty-five percent is reimbursed by the state, which will come from the 'Nisqually Account,' set-up specifically to fund these repairs."

So while repair work isn't yet visible, Paul Szumlanski and GA's project managers are working hard behind the scenes to complete all of the necessary processes in order for work to begin. The fruits of their labors will become apparent next summer when construction is expected to begin all over the Capitol Campus.

**For further information about GA's efforts to repair state facilities, contact Paul Szumlanski (360) 902-7271, E-mail: [pszumla@ga.wa.gov](mailto:pszumla@ga.wa.gov)**



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